

Title (en)
VAPOUR GENERATORS

Title (de)
DAMPFGENERATOREN

Title (fr)
GÉNÉRATEURS DE VAPEUR

Publication
EP 3300783 B1 20200401 (EN)

Application
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Abstract (en)
[origin: WO2007042763A2] A vapour generator system (1, 101) for an IMS (4, 104) or other apparatus has a chamber (9, 109) in which vapour is produced. A fan or other flow generator (6, 106) is connected to an inlet (8, 108) of the vapour chamber (9, 109) and its outlet (13, 113) is connected to an adsorbent passage (14, 114), such as formed by a bore through a block (15) of carbon. When the fan (6, 106) is on gas flows through the vapour chamber (9, 109) and the adsorbent passage (14, 114) to the IMS (4, 104) or other outlet, with little vapour being adsorbed in the passage. When the fan (6, 106) is off, any vapour molecules that escape to the adsorbent passage (14, 114) do so at a low rate such that substantially all is adsorbed and no vapour escapes.

IPC 8 full level
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